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PATENT

Attorney Docket No.: 18062G-005410US  
Client Ref. No.: SF03-038-2

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By: Jonathan S. Parker

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Kevin M. Shokat, et al.

Application No.: 10/539,217

Filed: June 15, 2005

For: CHEMO-ENZYMATIC PROCESS  
FOR PROTEOME-WIDE MAPPING OF  
POST-TRANSLATIONAL  
MODIFICATION

Customer No.: 20350

Confirmation No. 4581

Examiner:

Technology Center/Art Unit: 1656

RESPONSE TO NOTIFICATION OF  
MISSING REQUIREMENTS AND  
REQUIREMENTS FOR PATENT  
APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR  
AMINO ACID SEQUENCE  
DISCLOSURES

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Sir:

In response to the Notification of Missing Requirements and the requirements for patent applications containing nucleotide sequence and/or amino acid sequence disclosures mailed November 4, 2005, please enter the following substitute sequence listing, amendments and remarks. A petition for a four-month extension of time accompanies this response.

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.

**In the Sequence Listing**

Please insert a paper copy of the sequence listing as new pages 1-26 in the above referenced application. A computer readable form copy (CRF copy) of the sequence listing accompanies this response.